

<b>X29A SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: D</b>	<b>Effective: 5/24/2010</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0086
Prepared by: P. Marino		Reviewed by: P. Marino	<b>Approved by: B. Chmiel</b>

Original signatures on file.

The only official copy of this file is the one on-line in the NSLS Quality Assurance website. Before using a printed copy, verify that it is the most current version by checking the document effective date on the NSLS QA website.

- 1. Valid Padlock Index and no padlocks open.
- 2. Exclusion Zone (EZ #1) metal encasement in place and locked. See photo 1
- 3. Scatter Shield covering Exclusion Zone (EZ #2) lead shield in place and banded around bellows upstream of monochromator.
- 4. Scatter shield on monochromator painted white.
- 5. Lead glass labels on 3 front side viewports (2 per Viewport)
- 6. Scatter Shield covering Exclusion Zone (EZ #3) lead shield in place and banded around bellows downstream of mirror tank.
- 7. Bremsstrahlung shields (BS #1) and lead bricks around white light shutter in place and banded. See Photo 2.
- 8. Bremsstrahlung shield (BS # 2) in X29 hutch recessed into booster wall. See Photo 3.
- 9. Chain Barricade with caution webbing in place between X29A equipment rack and Monochromater cover; blocking access to beamline when shutter is open.

OPCO / Beamline Staff: \_\_\_\_\_ Date: \_\_\_\_\_

## User System Checks

- A. Beamline safety interlocks all have green lights.

Beamline Rep.: \_\_\_\_\_ Date: \_\_\_\_\_